

CESARE'14
International Conference Civil Engineering for Sustainability and Resilience
 Amman, 24-27 April 2014

List of Accepted Abstracts

# p	Partic	Names	e-mail	Affiliation	Paper Title	Country		#p	
1	1 2	Charis J. Gantes Vasileios E. Melissianos	chgantes@central.ntua.gr melissianosv@gmail.com	School of Civil Engineering, National Technical University, 9 Herron Polytechniou Street, GR-15780, Zografou Campus, Athens, Greece	LOCAL BUCKLING OF BURIED STEEL PIPELINES UNDERCOMBINED AXIAL AND BENDING ACTIONS	GREECE 1	STR	1	1
2	3 4	Kyriazis Pitilakis Sotiris Argyroudis	kpitilak@civil.auth.gr sarg@civil.auth.gr	Department of Civil Engineering, Aristotle University of Thessaloniki, P.O.B. 424, 54124, Thessaloniki, Greece	Systemic Seismic Vulnerability and Risk Analysis of Urban Systems, Lifelines and Infrastructures towards Sustainability and Resilience of Modern Societies against Natural Disasters	GREECE 1	STR	2	2
3	5 6 7 8 9	S.E.Lee P. Braithwaite S. Severance J.M. Leach C.D.F. Rogers	s.e.lee@bham.ac.uk	School of Civil Engineering, University of Birmingham, Edgbaston, Birmingham, B15 2TT, UK Abu Dhabi Future Energy Company Building, Airport Road, Masdar City, Khalifa City A 54115 UAE	A Tale of Two Cities: A Study of the Energy Systems in Birmingham, an Industrialised City in central UK and Masdar City, a Developing City in the Middle East	UK 2 UAE 3	STR	3	3
4	10 11 12 13 14	Nikolaos Antoniou Marios Theofanous Charalampos C. Leroy Gardner	n.antoniou@bham.ac.uk m.theofanous@imperial.ac.uk c.baniotopoulos@bham.ac.uk leroy.gardner@imperial.ac.uk	School of Civil Engineering, University of Birmingham, UK Dept. of Civil and Environmental Engineering, Imperial College London, UK	NUMERICAL INVESTIGATION OF HIGH STRENGTH STEEL TUBULAR MEMBERS	UK 2	STR	4	4
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6	16 17 18	Murad Abu-Farsakh P.E., Imran Akond Qiming Chen	cefars@lsu.edu qchen1@lsu.edu	Louisiana Transportation Research Center, Louisiana State University, 4101 Gourrier Avenue, Baton Rouge, LA 70808	EVALUATING THE PERFORMANCE OF GEOSYNTHETIC-REINFORCED AGGREGATE OVER WEAK SUBGRADE	USA 4	Geo	6	
7	19 20 21 22	Murad Abu-Farsakh Md. Naful Haque Qiming Chen	mhaque3@tigers.lsu.edu qchen1@lsu.edu	Louisiana Transportation Research Center, Louisiana State University, 4101 Gourrier Avenue, Baton Rouge, LA 70808	EVALUATING SET-UP PHENOMENON FOR FULL-SCALE INSTRUMENTED TEST PILES	USA 4	Geo	7	

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		Zhongjie Zhang							
8	23 24 25 26 27 28 29	Murad Abu-Farsakh Sungmin Yoon Da Ha W. Allen Marr Zhongjie Zhang Ching Tsai	cefars@lsu.edu	Louisiana Transportation Research Center, Louisiana State University, 4101 Gourrier Avenue, Baton Rouge, LA 70808	DESIGN OF A SMART STRUCTURAL HEALTH MONITORING SYSTEM FOR THE NEW I-10 TWIN SPAN BRIDGE OVER LAKE PONTCHARTRAIN	USA 4	STR	8	5
9	30 31 32	Murad Abu-Farsakh Sanjay Dhakal Qiming Chen	cefars@lsu.edu	Louisiana Transportation Research Center, Louisiana State University, 4101 Gourrier Avenue, Baton Rouge, LA 70808	CEMENTITIOUSLY STABILIZED VERY WEAK SUBGRADE SOIL FOR SUSTAINABLE PAVEMENT	USA 4	STR	9	6
10	33 34 35	Murad Abu-Farsakh Xiaochao Tang Shadi Hanandeh	cefars@lsu.edu	Louisiana Transportation Research Center, Louisiana State University, 4101 Gourrier Avenue, Baton Rouge, LA 70808	EVALUATION OF GEOSYNTHETICS IN PAVEMENTS BUILT OVER NATURAL SOFT SUBGRADE USING FULL-SCALE ACCELERATED LOAD TESTING	USA 4	Trans	10	
11	36	LAOUAR Med Salah	c_laouar@yahoo.fr	Department of civil engineering, Tebessa University (Algeria).	CONTRIBUTION TO THE EXPERIMENTAL IDENTIFICATION OF THE COLLAPSE POTENTIAL OF SOILS	Algeria 5	Geo	11	
12	37	Triantafyllos K. Makarios	makariostr@civil.auth.gr	Department of Civil Engineering, Aristotle University of Thessaloniki, Greece	IDENTIFICATION OF VIBRATION MODE SHAPES OF DOUBLEASYMMETRIC MULTI-STOREY R/C BUILDING DUE TO STRONG WIND LOADING	Greece 1	STR	12	7
13	38 39 40	Themistoklis Nikolaïdis Athanasios L. Kontis George Moutsanidis	thnik@civil.auth.gr alkontis@civil.auth.gr moutsanidis@utexas.edu	Department of Civil Engineering, Aristotle University of Thessaloniki, Greece	ON THE SUSTAINABLE RESTORATION DESIGN OF A HISTORICAL STEEL RAILWAY BRIDGE	Greece 1	STR	13	8
14	41 42 43	ThemistoklisNikolaïdis, George Moutsanidis Ch .C.	thnik@civil.auth.gr	Department of Civil Engineering, Aristotle University of Thessaloniki, Greece	OPTIMAL DESIGN OF CURTAIN-WALL SYSTEMS	Greece 1	STR	14	9

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		Baniotopoulos							
15	44	Dimitrios K. Bikas	bikasd@civil.auth.gr	Dep. of Civil Engineering, Aristotle University of Thessaloniki, PO BOX 429, 541 24 Thessaloniki, Greece	THE SYNERGY PROJECT. A STUDY OF HIGHLY EFFICIENT ENERGY BUILDING ELEMENTS	Greece	STR	15	10
16	45 46 47	Theodoros G. Theodosiou Aikaterini G. Tsikaloudaki Dimitrios K. Bikas	tgt@civil.auth.gr katgt@civil.auth.gr bikasd@civil.auth.gr	Dep. of Civil Engineering, Aristotle University of Thessaloniki, PO BOX 429, 541 24 Thessaloniki, Greece	THERMAL BRIDGING ANALYSIS ON CLADDING SYSTEMS FOR BUILDING FACADES	Greece 1	STR	16	11
17	48 49	M. Netušil M. Eliášová	michal.netusil@fsv.cvut.cz eliasova@fsv.cvut.cz;	1Department of Steel and Timber Structures, Faculty of Civil Engineering, Czech Technical University in Prague, Thákurova 7, 166 29 Prague 6 - Dejvice, Czech Republic	Polymer Adhesives with Enhanced Properties Suitable for Assembling of Structural Glass	Czech Republic 6	STR	17	12
18	50	Thalia Mantopoulou-Panagiotopoulou	thaliamp@vis.auth.gr	School of Fine Arts, Aristotle University of Thessaloniki	TOWARDS A SUSTAINABLE PRESERVATION OF THE POST-BYZANTINE MONUMENTS OF CAPPADOCIA	Greece 1	STR	18	13
19	51 52	Ninouh T. Rouili A.	tninouh@hotmail.com arouili@hotmail.com	Civil Engineering Laboratory Applied Department of Civil Engineering, University of Tebessa, Algeria	The quality of the materials and techniques used to achieve the Roman roads in Algeria	Algeria	Trans	19	
20	53 54	Loucif A. Ninouh T.	ahlem_loucif@yahoo.fr	Civil Engineering Laboratory Applied Department of Civil Engineering, University of Tebessa, Algeria	INFLUENCE OF THE NATURE OF THE AGGREGATES ON THE STABILITY OF BITUMINOUS MIXTURES	Algeria 5	Trans	20	
21	55 56 57 58 59	C. Anagnostopoulos A. Sextos K. Stylianidis D. Aggelidis I. Avramidis	anag@civil.auth.gr ;	Aristotle University of Thessaloniki, Department of Civil Engineering	THINKING "INSIDE" THE BOX (AND BUDGET): ALTERNATIVE WAYS TO PRESERVE THE BYZANTINE ANTIQUITIES WHILE RETAINING THE OPERABILITY OF THE VENIZELOU - THESSALONIKI METRO STATION	Greece 1	Trans	21	
22	60 61 62 63 64	Konstantinos Georgiadis D.K. Bikas, D. Aravantinos, K.G. Tsikaloudaki, Th.G. Theodosiou	kgeorg@civil.auth.gr	Department of Civil Engineering, Aristotle University of Thessaloniki, Greece	ASSESSMENT OF WALLS' THERMAL RESPONSE FROM A PROPORTIONAL AND A RELATIVE POINT OF VIEW	Greece 1	STR	22	14

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23	65 66	Konstantinos Georgiadis Christos Anagnostopoulos	kgeorg@civil.auth.gr anag@civil.auth.gr	Department of Civil Engineering, Aristotle University of Thessaloniki, Greece	Two- And Three-Dimensional Numerical Analysis of Soil Nail Support Systems	Greece 1	Geo	23	
24	67 68 69 70	D. N. KAZIOLAS I. ZYGOMALAS G. E. STAVROULAKIS C. BANIOPOULOS		Eastern Macedonia and Thrace Institute of Technology, GR Technical University of Crete, Chania, GREECE, Department of Civil Engineering, Aristotle University of Thessaloniki, Greece	Factors and issues related to the environmental impact caused by the life cycle of timber building construction projects	Greece 1	STR	24	15
25	71	Triantafyllos K. Makarios	makariostr@civil.auth.gr	Department of Civil Engineering, Aristotle University of Thessaloniki, Greece	A NEW STEEL ANTI-SEISMIC DEVICE FOR REINFORCED CONCRETE BUILDINGS	Greece 1	STR	25	16
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27	72 73 74	O. Mezghanni A. Bouchaïr H. Smaoui	omar.mezghannir@laposte.net Abdelhamid.bouchair@univ-bpclermont.fr hismaoui@yahoo.fr	1Clermont Université, Université Blaise Pascal, Institut Pascal, BP 10448, F-63000 Clermont-Ferrand, France	Experimental investigation on opposite patch loading of beams	France 7	STR	27	17
28	75 76	Yu Hu C. Baniotopoulos Jian Yang	YXH294@bham.ac.uk c.baniotopoulos@bham.ac.uk j.yang.3@bham.ac.uk	School of Civil Engineering, University of Birmingham, Edgbaston, Birmingham, B15 2TT, UK	Advanced FEM Models for Wind Turbine Towers to Optimise their Structural Design	UK	STR	28	18
29	77 78 79 80 81 82	S.M.A. Bekkouche T. Benouaz M.K. Cherier M. Hamdani M.R. Yaiche N. Benamran	smabekkouche@yahoo.fr	Applied Research Unit on Renewable Energies, Development Center of Renewable Energies URAER & B.P. 88, ZI, Gart Taam Ghardaia, Algeria	A New Modelling Approach of a Multizone Building in Saharan Climate	Algeria	ENV	29	
30	83 84 85 86	Nafsika Stavridou Evangelos Efthymiou Simos Gerasimidis C. Baniotopoulos	nstavridou@civil.auth.gr	Department of Civil Engineering, Aristotle University of Thessaloniki, Greece	IMPROVEMENT OF STEEL WIND TURBINE TOWER STRUCTURAL RESPONSE WITH IMPLEMENTATION OF STEEL STIFFENING RINGS	Greece 1	STR	30	19
31	87 88 89	Christos T. Tsalikis Themistoklis Nikolaidis	ctsalik@civil.auth.gr	Institute of Metal Structures, Faculty of Engineering, Department of Civil Engineering, Aristotle University of Thessaloniki, GREECE	BEHAVIOR OF STEEL-FRAMED BUILDING ELEMENTS IN FIRE UNDER INTEGRATED	Greece 1	STR	31	20

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		C. Baniotopoulos			PROTECTION CRITERIA				
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33	90 91 92 93 94	A. Spyridaki S. Gerasimidis G. Deodatis M. Ettouney	as4277@columbia.edu sg2988@columbia.edu deodatis@columbia.edu mohammed.ettouney@wai.com	Department of Civil Engineering and Engineering Mechanics, Columbia University, 500 West 120th Street, New York, NY, USA	The effect of RC slab on progressive collapse resistance of steel frames	USA	STR	33	21
34	95 96 97 98	Y. Yan S. Gerasimidis G. Deodatis M. Ettouney	yy2430@columbia.edu sg2988@columbia.edu deodatis@columbia.edu	Department of Civil Engineering and Engineering Mechanics, Columbia University, 500 West 120th Street, New York, NY, USA	3D Global loss of stability progressive collapse mechanisms of steel high-rise buildings	USA	STR	34	22
35	99 100 101 102 103	J. Sideri S. Gerasimidis G. Deodatis M. Ettouney	es3174@columbia.edu sg2988@columbia.edu deodatis@columbia.edu mohammed.ettouney@wai.com	Department of Civil Engineering and Engineering Mechanics, Columbia University, 500 West 120th Street, New York, NY, USA Weidlinger Associates, 40 Wall Street, New York, NY, USA	Dynamic buckling modes of progressive collapse of steel frames	USA	STR	35	23
36	104	Mohammad A. Khasawneh	mkhasawneh@just.edu.jo	Department of Civil Engineering, Jordan University of Science and Technology, Irbid, Jordan	ESTIMATION OF ASPHALT PAVEMENT SURFACE CHARACTERISTICS USING IMAGE ANALYSIS TECHNIQUE	Jordan 8	Trans	36	
37	105 106 107	Oget N. Cocen Dimitrios Bikas C. C. Baniotopoulos	ogetcocen@civil.auth.gr	Institute of Metal Structures, Faculty of Engineering, Department of Civil Engineering, Aristotle University of Thessaloniki, GREECE	ENVIRONMENTAL SUSTAINABILITY ASSESSMENT METHODOLOGY PROPOSAL FOR HERITAGE BUILDINGS' RESTORATION	Greece 1	ENV	37	
38	108 109 110 111	B. Chikh L. Moussa Y. Mehani A. Zerzour	cheikhpsd@gmail.com mehani_youcef@yahoo.com	Earthquake Engineering Division, National Center for Applied Research in Earthquake Engineering, CGS	DUCTILITY SPECTRUM METHOD TO ESTIMATE SEISMIC DEMANDS FOR STRUCTURES	Algeria	STR	38	24
39	112 113 114	Ayman A. Al-Quraan	ay_alqur@encs.concordia.ca statho@bcee.concordia.ca pillay@encs.concordia.ca	(Electrical & Computer Engineering, Concordia university, 1455 de Maisonneuve Blvd. W., Canada)	Estimation of Urban Wind Energy - Equiterre Building Case in Montreal	Canada 9	ENV	39	

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40	115	H. R. Al-Ani	Hamid_abdulsalam@hotmail.com	Al-Zaytoonah University of Jordan, Department of Civil Engineering, 11733, Amman, Jordan	Effect of Partially Through Crack Size on Strength of Shell Structures	Jordan	STR	40	25
41	116 117	Rijk Blok1, Patrick Teuffel1	Blok@tue.nl P.M.Teuffel@tue.nl	TU/e (Department of the Built Environment, Eindhoven University of Technology, The Netherlands)	FLEXIBILITY ASSESSMENT AND CONVERSION POTENTIAL OF BUILDING STRUCTURES IN RELATION TO SERVICE LIFE ESTIMATION	Netherlands 10	STR	41	26
42	118 119 120	Jabar Rasul, Michael Burrow, Gurmel Ghataora	jmr098@bham.ac.uk	School of Civil Engineering, University of Birmingham, Birmingham, B15 2TT, UK	THE EFFECT OF WETTING AND DRYING ON RESILIENT MODULUS BEHAVIOUR AND PAVEMENT RESPONSES OF LIME-CEMENT STABILISED SUBGRADE SOILS	UK	Geo	42	
43	121 122 123 124	Gintaris Kaklauskas Ronaldas Jakubovskis Mantas Juknys Viktor Gribniak	Gintaris.Kaklauskas@vgtu.lt Ronaldas.Jakubovskis@vgtu.lt Mantas.Juknys@vgtu.lt 4Viktor.Gribniak@vgtu.lt	Department of Bridges and Special Structures, Vilnius Gediminas Technical University, Sauletekio av. 11, LT-10223 Vilnius, Lithuania	SLS-BASED PERFORMANCE OF RC: BOND MODELLING STRATEGY	Lithuania 11	STR	43	27
44	125 126 127 128	Mark Slotboom Arnold Robbemont Arjan Habraken Patrick Teuffel1	P.M.Teuffel@tue.nl	TU/e (Department of the Built Environment, Eindhoven University of Technology, The Netherlands)	SAFETY AND REDUNDANCY OF ADAPTIVE BUILDINGS STRUCTURES	Netherlands 12	STR	44	28
45	129 130	E. Elbahi S.M.A Boukli Hacene		EOLE laboratory, Department of Civil Engineering, Faculty of Technology, Aboubekr Belkaid University, Tlemcen 13000, Algeria.	Influence of the supplementary cementitious materials on the dynamic properties of concrete	Algeria	STR	45	29
46	131 132 133 134 135	G. Kaklauskas V. Gribniak A. Meskenas V. Gelazius A. Rimkus5	gintaris.kaklauskas@vgtu.lt viktor.gribniak@vgtu.lt adas.meskenas@vgtu.lt waidas1@yahoo.com arvydas.rimkus@yahoo.com	Department of Bridges and Special Structures, Vilnius Gediminas Technical University, Sauletekio av. 11, LT-10223 Vilnius, Lithuania	INVERSE TECHNIQUE FOR INVESTIGATION OF THE POST-CRACKING BEHAVIOUR OF SFRC MEMBERS IN FLEXURE	Lithuania	STR	46	30
47	136 137 138	V. Tamulenas G. Kaklauskas	gintaris.kaklauskas@vgtu.lt viktor.gribniak@vgtu.lt adas.meskenas@vgtu.lt	Department of Bridges and Special Structures, Vilnius Gediminas Technical University, Sauletekio av. 11, LT-10223 Vilnius, Lithuania	ANALYSIS OF TEST RESULTS OF RC TIES SUBJECTED TO STATIC AND CYCLIC LOADING	Lithuania	STR	47	31

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	139 140	V. Gribniak	waidas1@yahoo.com arvydas.rimkus@yahoo.com		SFRC MEMBERS IN FLEXURE				
48	141 142 143 144	Gintaris Kaklauskas Viktor Gribniak Eugenijus Gudonis Aleksandr K. Arnautov	Gintaris.Kaklauskas@vgtu.lt Viktor.Gribniak@vgtu.lt Eugenijus.Gudonis@vgtu.lt Alexander.Arnautov@pmi.lv	3Department of Bridges and Special Structures, Vilnius Gediminas Technical University, Sauletekio av. 11, LT-10223 Vilnius, Lithuania Institute of Polymer Mechanics, University of Latvia, Aizkraukles st. 23, LV-1006 Riga, Latvia	EXPERIMENTAL INVESTIGATION ON LONG-TERM DEFORMATIONS OF TENSILE RC MEMBERS	Latvia 13	STR	48	32
49	145 146 147	Mohammed Y. Fattah Mohammed A. Al-Neami Nora H. Jajjawi	myf_1968@yahoo.com	Building and Construction Engineering Department- University of Technology, Baghdad, Iraq.	DYNAMIC RESPONSE OF FLOATING PILE MACHINE FOUNDATION	Iraq 13	Geo	49	
50	148	Jürgen Neugebauer	juergen.neugebauer@fh-joanneum.at	University of Applied Sciences, Graz, Austria	CURVED GLASS IN REALIZED PROJECTS	Austria 14	STR	50	33
51	149 150	Olga Rio Viet Duc Nguyen	rio@ietcc.csic.es duc.nguyen@ietcc.csic.es	Department of Construction, Eduardo Torroja Institute for construction Science IETcc-CSIC Address: c/ Serrano Galvache 4, 28033-Madrid, Spain	INNOVATIVE MATERIAL FOR SEGMENT TUNNELS	Spain 15	STR	51	34
52	151 152	O. Rio K. Nguyen	rio@ietcc.csic.es khanh@ietcc.csic.es	Department of Construction, Eduardo Torroja Research Institute. Serrano Galvache No.4, Madrid, Spain	Updating A High Building's Finite Element Model based on the Experimental Modal Parameters	Spain 15	STR	52	35
53	153 154 155	M. Tohidi J. Yang C. Baniotopoulos	mxt995@bham.ac.uk J.yang_3@bham.ac.uk BaniotoC@adf.bham.ac.uk	Azad University of Sananadaj, Iran School of Naval Architecture, Ocean and Civil Engineering, Shanghai Jiao Tong University, Shanghai, P.R.,China School of Civil Engineering, University of Birmingham, UK	ANALYTICAL EVALUATION OF TIE FORCE METHODS FOR PROGRESSIVE COLLAPSE RESISTANCE OF PRECAST CONCRETE CROSS WALL STRUCTURES USING REINFORCEMENT BAR	Iran 16 China 17	STR	53	36
54	156 157 158	Mohammed Y. Fattah Mohammed A. Al-Neami Nora H. Jajjawi	myf_1968@yahoo.com	Building and Construction Engineering Department- University of Technology, Baghdad, Iraq.	RESONANCE FREQUENCY OF MACHINE FOUNDATIONS RESTING ON SATURATED SANDS	Iraq 13	Geo	54	
55	159 160 161	Tahar Berrabah Amina Belharizi Mohamed Bekkouche	tb_amina@hotmail.com mohambel@free.fr a_bekkouche@hotmail.com	Civil Engineering Department , Ain Temouchent University Center, Ain Temouchent, Algeria Consultant, 37 impasse Armand, 92160 Antony, France Civil Engineering Department, Aboubekr Belkaid University, Tlemcen, Algeria	THREE DIMENSIONAL MODELING OF DAM-RESERVOIR-FOUNDATION SYSTEM	Algeria	Geo	55	

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57	165	MAJD NAFEZ ATTAR	Civilmajdl@gmail.com	Director of Department of Civil Engineering, Arab Dar company , P.O.Box 8049 Jordan-Amman	DISPLACEMENT BASED DESIGN, (DBD), NONLINEAR STATIC PUSHOVER ANALYSIS TO VERIFY THE PROPER COLLAPSE MECHANISM OF STRUCTURES	Jordan	STR	57	38
58	166 167	Asad-ur-Rehman Khan Tatheer Zahra	asadkhan@neduet.edu.pk	Department of Civil Engineering, NED University of Engineering and Technology, Karachi, Pakistan	PERFORMANCE OF DIFFERENT TYPES OF CEMENTS IN MARINE ENVIRONMENT	Pakistan 19	ENV	58	
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60	168 169 170	G. De Matteis E. Cribber G. Brando	demattei@unina.it e.criber@unich.it gbrando@unich.it	Department of Engineering and Geology, University of Chieti-Pescara, Viale Pindaro 42, Pescara, Italy	PREDICTIVE METHODS FOR THE SEISMIC VULNERABILITY ASSESSMENT OF MINOR CHURCHES	Italy 18	STR	60	39
61	171 172	K. Fekas M. L. Moretti	kostas_1924@hotmail.com marmor@uth.gr	Department of Civil Engineering, University of Thessaly, Pedion Areos, 38334, Volos, Greece	SHEAR RESISTANCE OF INTERFACES BETWEEN EXISTING AND NEW RC ELEMENTS	Greece	STR	61	40
62	173 174	M. Kalogerakis M. L. Moretti	emmkalogerakis@gmail.com marmor@uth.gr	1Department of Civil Engineering, University of Thessaly, Pedion Areos, 38334, Volos, Greece	BEHAVIOR OF CONCRETE CONFINED BY GLASS AND CARBON FIBERS	Greece	STR	62	41
63	175 176 177	Samer Barakat Ahmad Al Mansouri Salah Altoubat	sbarakat@sharjah.ac.ae ahmadalmansouri@gmail.com saltoubat@sharjah.ac.ae	Department of Civil and Environmental Engineering University of Sharjah, Sharjah, UAE	Shear Strength of Steel Beams with Trapezoidal Corrugated Webs Using Regression Analysis	UAE	STR	63	42
64	178 179	Faris Rashied Ahmed Bayan S. Al Numan	faris.rashied@koyauniversity.org byan.salim@ishik.edu.iq	Civil Eng. Dept, Faculty of Eng, Koya University, Erbil, Iraq Civil Eng. Dept, Faculty of Eng., Ishik University, Erbil, Iraq	EXPERIMENTAL INVESTIGATION AND PREDICTION OF PUNCHING SHEAR STRENGTH OF HIGH STRENGTH CONCRETE SLABS	Iraq 13	STR	64	43
65	180 181	K. Danie O. Tsavdaridis	k.tsavdaridis@leeds.ac.uk fa_faghih@yahoo.co.uk	School of Civil Engineering, The University of Leeds, Woodhouse Lane, LS2 9JT, Leeds, UK	ASEISMIC DESIGN OF BEAM-TO-COLUMN STEEL	UK	STR	65	44

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	182 183	Faezeh Faghieh Bruce Lumsdon Christopher Pilbin	bruce_lumsdon@hotmail.com chris.pilbin@hotmail.co.uk		CONNECTIONS USING PERFORATED BEAMS				
66	184 185	Abdulkareem D. Mahmood sherwan M.Zeki	abdulkareemalqazi@gmail.com	Civil Eng. Dept./ College of Engineering/ Salahdin University/ Erbil, Civil Eng. Dept./ College of Engineering/ Duhok University/ Duhok.	PUNCHING SHEAR STRENGTH OF FIBROUS HIGH STRENGTH REINFORCED CONCRETE FLAT PLATE SLABS WITH ECCENTRIC LOADING	Iraq 13	STR	66	45
67	186 187 188	James Kingman Kon. O. Daniel Tsavdaridis Vassili V. Toropov	james.i.kingman@gmail.com k.tsavdaridis@leeds.ac.uk v.v.toropov@leeds.ac.uk	The University of Leeds, Woodhouse Lane, LS2 9JT, Leeds, UK	Applications of Topology Optimization in Structural Engineering	UK	STR	67	46
68	189	Thamer Mohammed Ahmed	ahmedengthm@yahoo.com	Civil Engineering Department /Faculty of Engineering /Ishik University /Erbil/Iraq	Pressure Distribution on the Upstream Face of Tunnel Gate With Different Lip Shapes.	Iraq 13	STR	68	47
69	190	T. Kh. Mohammed Ali	Taghreed.khaleefa@koyauniversity.org	Geotechnical department, Engineering Faculty, Koya University, Iraq	Flexural behaviour of reinforced beams by using corrosive rebar	Iraq 13	STR	69	48

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